

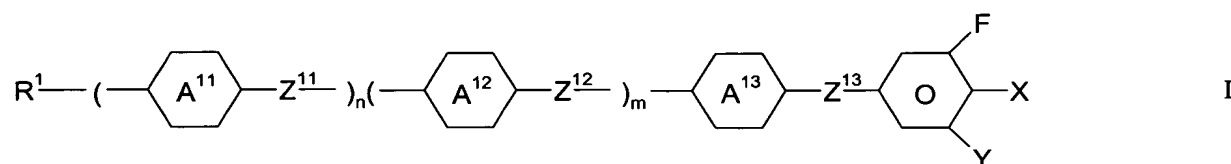
This listing of claims will replace all prior versions, and listings, of claims in the application:

**LISTING OF CLAIMS:**

**1.-10. (Canceled)**

**11. (Currently Amended)** A nematic liquid-crystal medium, comprising

a) one or more dielectrically positive compound(s) of the formula I

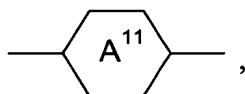


in which

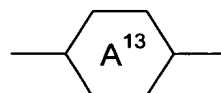
$R^1$  is alkyl or alkoxy having 1 to 7 carbon atoms, alkoxyalkyl, alkenyl or alkenyloxy having 2 to 7 carbon atoms,

$Z^{11}$ ,  $Z^{12}$  and  $Z^{13}$  are each, independently of one another,  $-\text{CH}_2-\text{CH}_2-$ ,  $-\text{CH}=\text{CH}-$ ,

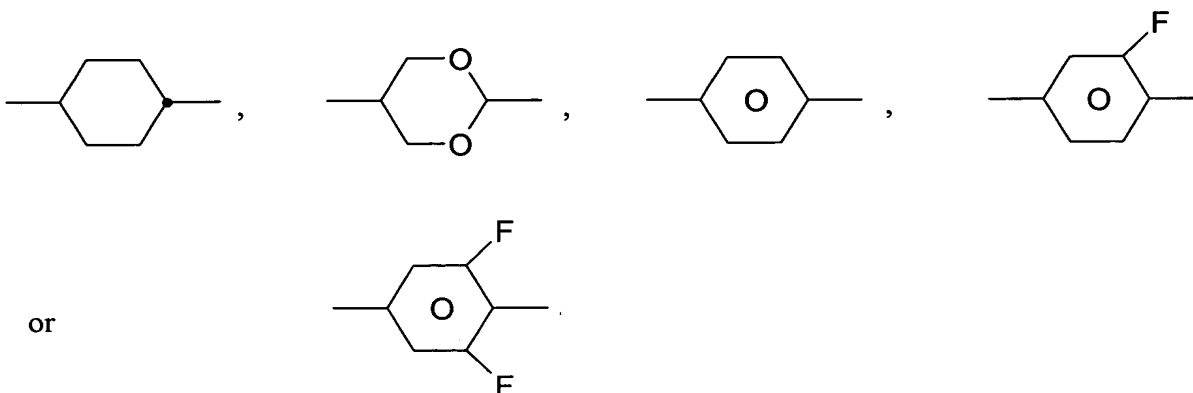
$-\text{C}\equiv\text{C}-$ ,  $-\text{COO}-$  or a single bond,



and



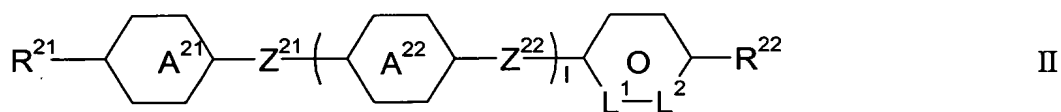
are each, independently of one another,



X is F, or  $\text{OCF}_3$ , where, in the case where  $X = \text{F}$ , Y is F, and in the case where  $X = \text{OCF}_3$ , Y is H or F, and

n and m are each, independently of one another, 0 or 1;

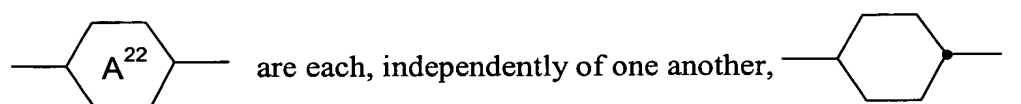
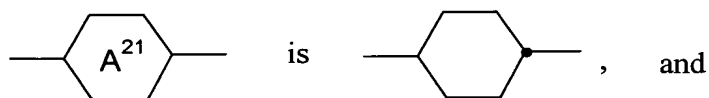
b) one or more dielectrically negative compound(s) of the formula II

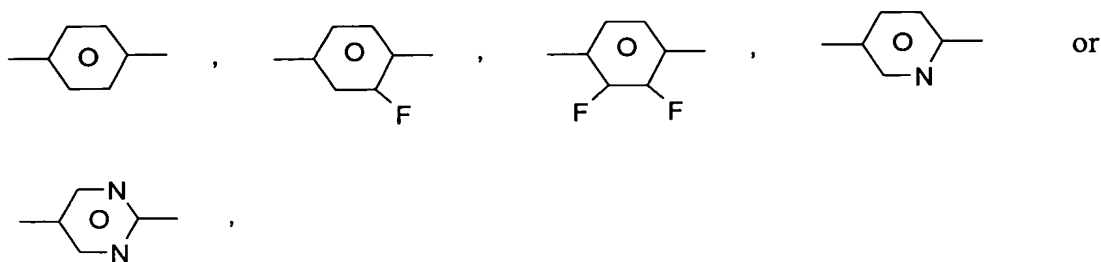


in which

$\text{R}^{21}$  and  $\text{R}^{22}$  are each, independently of one another, as defined for  $\text{R}^1$  under the formula I,

$\text{Z}^{21}$  and  $\text{Z}^{22}$  are each, independently of one another, as defined for  $\text{Z}^{11}$  above under the formula I,



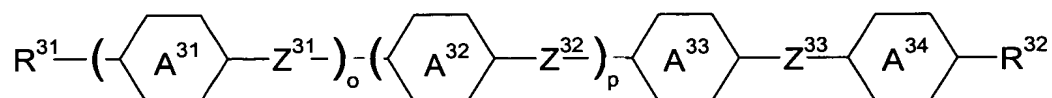


$L^1$  and  $L^2$  are both C-F or one of the two is N and the other is C-F, and

$l$  is 0 or 1;

and optionally

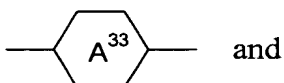
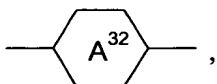
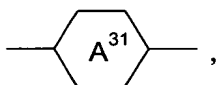
c) one or more dielectrically neutral compound(s) of the formula III



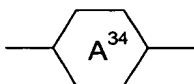
in which

$R^{31}$  and  $R^{32}$  are each, independently of one another, as defined for  $R^1$  above under the formula I, and

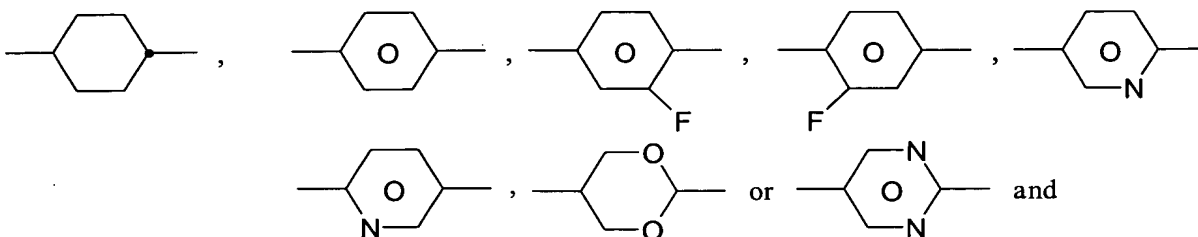
$Z^{31}$ ,  $Z^{32}$  and  $Z^{33}$  are each, independently of one another,  $-\text{CH}_2\text{CH}_2-$ ,  $-\text{CH}_2\text{O}-$ ,  $-\text{OCH}_2-$ ,  $-\text{CF}_2\text{O}-$ ,  $-\text{OCF}_2-$ ,  $-\text{COO}-$  or a single bond, and, additionally, one of  $Z^{31}$ ,  $Z^{32}$  and  $Z^{33}$  may also be  $-\text{CF}_2\text{CF}_2-$ ,



and



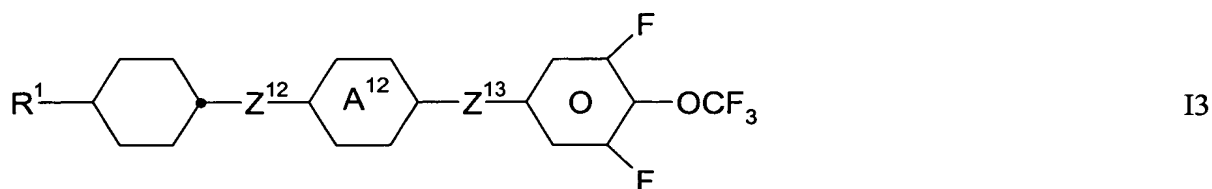
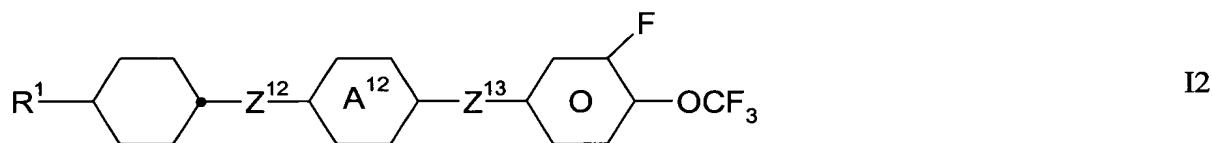
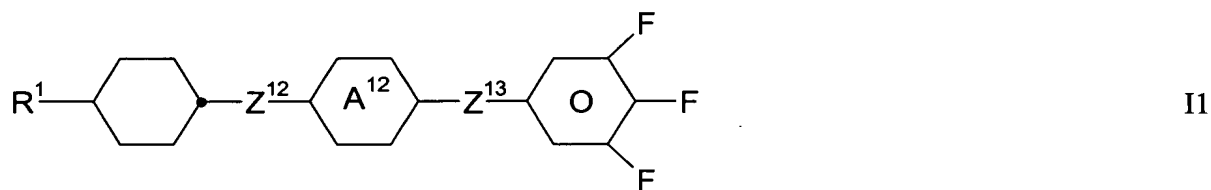
are each, independently of one another,

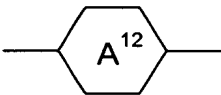


o and p, independently of one another, are 0 or 1,

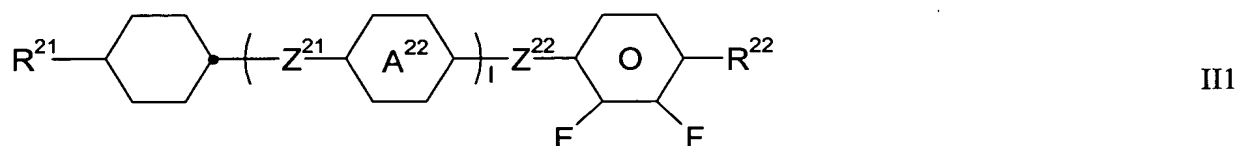
wherein the medium has a positive dielectric anisotropy of 3.2 or more, and a birefringence,  $\Delta n$ , of less than or equal to 0.11, and the ratio of the dielectric anisotropies of the liquid-crystal medium parallel and perpendicular to the director is less than or equal to 1.93.

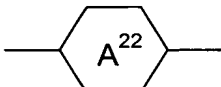
**12. (Previously presented)** The liquid-crystal medium of claim 11 which comprises one or more compounds selected from the group of compounds of the formulae II to I4:



in which  $R^1$ ,  $Z^{12}$ ,  $Z^{13}$  and  are each as defined in formula in Claim 11.

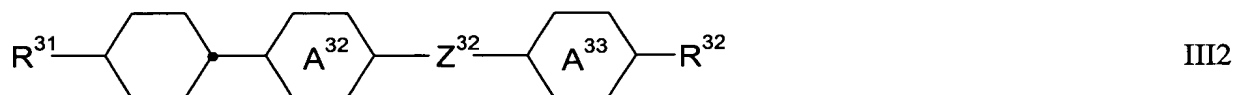
13. (Previously presented) The liquid-crystal medium of Claim 11, which comprises one or more compounds of the formula II1

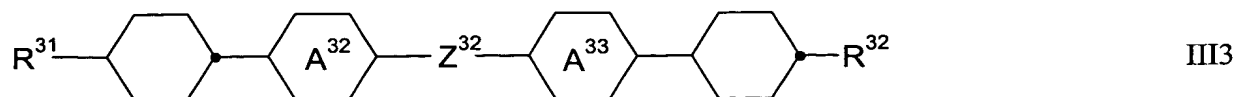


in which  $R^{21}$ ,  $R^{22}$ ,  $Z^{21}$ ,  $Z^{22}$ ,  and  $l$  are as defined in Claim 11.

14. (Previously presented) The liquid-crystal medium of Claim 11, which comprises at least one compound of the formula III.

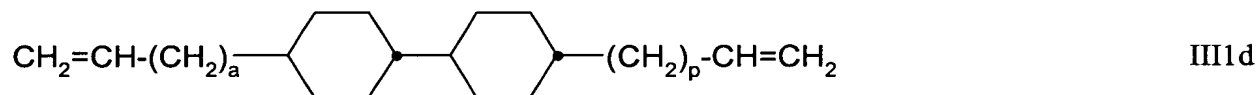
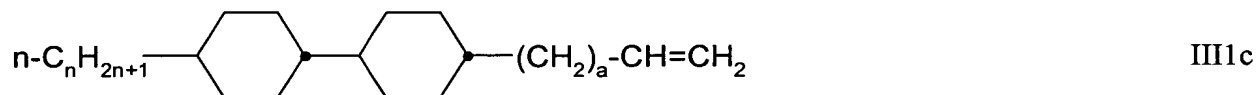
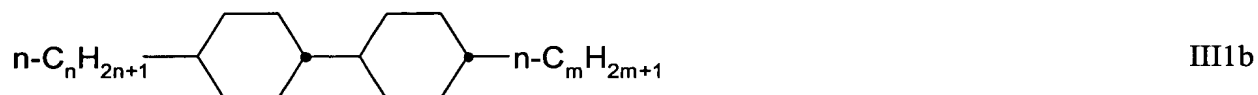
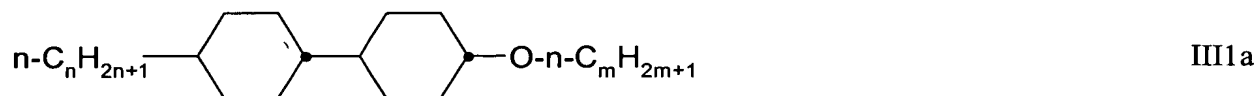
15. (Previously presented) The liquid-crystal medium of Claim 11, which comprises one or more compounds selected from the group consisting of the compounds of the formulae III1 to III3





are each as defined for formula III in Claim 11.

16. (Previously presented) The liquid-crystal medium of Claim 11, which comprises one or more compounds selected from the group consisting of the compounds of the formulae III1a to III1d



in which n and m are each, independently of one another, from 1 to 5, and o and p are each, both independently thereof and from one another, from 0 to 3.

17. (Previously presented) The liquid-crystal medium of Claim 11, which comprises in total

from 50% to 70% of compounds of the formula I,

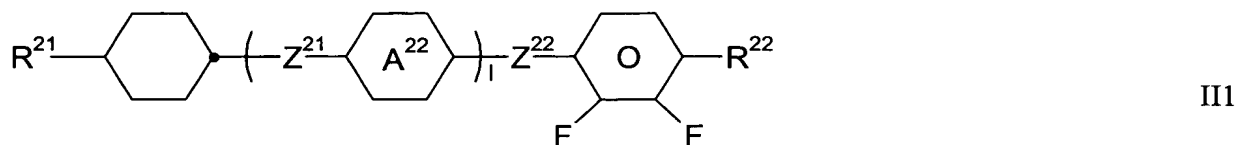
from 5% to 30% of compounds of the formula II and

from 10% to 40% of compounds of the formula III.

18. (Previously presented) An electro-optical display comprising a liquid-crystal medium of claim 11.

19. (Previously presented) The display of Claim 18, which is an active matrix display having a matrix of three-pole active switches.

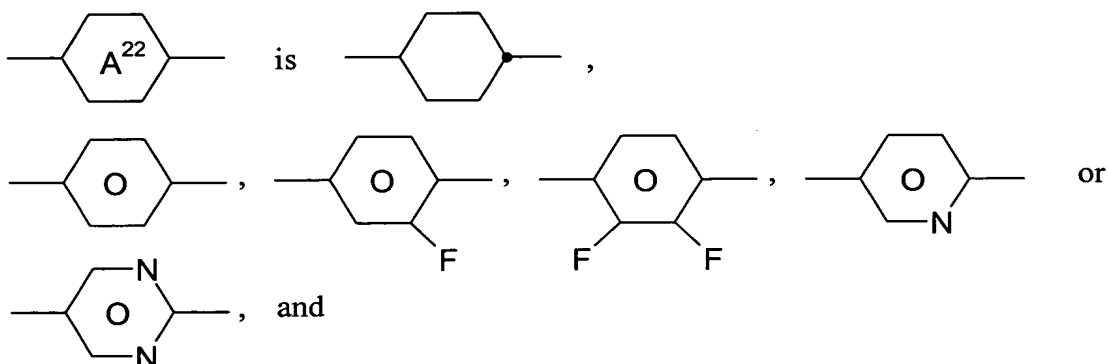
20. (Previously presented) The liquid-crystal medium of Claim 12, which comprises one or more compounds of the formula III



in which

$R^{21}$  and  $R^{22}$  are each, independently of one another, alkyl or alkoxy having 1 to 7 carbon atoms, alkoxyalkyl, alkenyl or alkenyloxy having 2 to 7 carbon atoms,

$Z^{21}$  and  $Z^{22}$  are each, independently of one another,  $-\text{CH}_2-\text{CH}_2-$ ,  $-\text{CH}=\text{CH}-$ ,  $-\text{C}\equiv\text{C}-$ ,  $-\text{COO}-$  or a single bond,



1 is 0 or 1.

**21. (Previously presented)** The liquid-crystal medium of Claim 12, which comprises at least one compound of the formula III.

**22. (Previously presented)** The liquid-crystal medium of claim 11, wherein the birefringence of the medium is 0.1038 or less.

**23. (Previously presented)** The liquid-crystal medium of claim 11, wherein the birefringence of the medium is 0.10 or less.

**24. (Previously presented)** The liquid-crystal medium of claim 11, wherein the birefringence of the medium is 0.08 or less.



25. (Previously presented) The liquid-crystal medium of claim 11, wherein the medium exhibits a nematic phase at from -20°C to 80°C.

26. (Previously presented) The liquid-crystal medium of claim 11, wherein the threshold voltage measured at 20 °C and  $d \cdot \Delta n$  of 0.50  $\mu\text{m}$  is 1.9 V or less.

27. (Previously presented) The liquid-crystal medium of claim 11, wherein the threshold voltage measured at 20 °C and  $d \cdot \Delta n$  of 0.50  $\mu\text{m}$  is 1.7 V or less.

28. (Previously presented) The liquid-crystal medium of claim 11, wherein the threshold voltage measured at 20 °C and  $d \cdot \Delta n$  of 0.50  $\mu\text{m}$  is 1.5 V or less.

29. (Previously presented) The liquid-crystal medium of claim 12, wherein the threshold voltage measured at 20 °C and  $d \cdot \Delta n$  of 0.50  $\mu\text{m}$  is 1.9 V or less.

30. (Previously presented) The liquid-crystal medium of claim 12, wherein the threshold voltage measured at 20 °C and  $d \cdot \Delta n$  of 0.50  $\mu\text{m}$  is 1.7 V or less.

31. (Previously presented) The liquid-crystal medium of claim 12, wherein the threshold voltage measured at 20 °C and  $d \cdot \Delta n$  of 0.50  $\mu\text{m}$  is 1.5 V or less.

32. (Previously presented) The liquid-crystal medium of claim 17, wherein the threshold voltage measured at 20 °C and  $d \cdot \Delta n$  of 0.50  $\mu\text{m}$  is 1.9 V or less.

33. (Previously presented) The liquid-crystal medium of claim 17, wherein the threshold voltage measured at 20 °C and  $d \cdot \Delta n$  of 0.50  $\mu\text{m}$  is 1.7 V or less.

34. (Previously presented) The liquid-crystal medium of claim 17, wherein the threshold voltage measured at 20 °C and  $d \cdot \Delta n$  of 0.50  $\mu\text{m}$  is 1.5 V or less.

35. (Currently amended) The liquid-crystal medium of claim 11, wherein the ratio of the dielectric anisotropy,  $\Delta\epsilon$ , of the medium is 3.2 or more anisotropies of the medium parallel and perpendicular to the director is equal to or less than 1.81.

36. (Currently amended) The liquid-crystal medium of claim 11, wherein the ratio of the dielectric ~~anisotropy~~ anisotropies of the medium parallel ~~to the director to the dielectric anisotropy of the medium~~ and perpendicular to the director is equal to or less than ~~1.93~~ 1.70.